

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Andrew John Friedman
James E. Brown, P.E.
Data Reported: January 31, 1991
Data Collected: January 22, 1991
Project: Annual Sample P.B.T. 3417, under P.O. #M18511

3008-B 16th Avenue West
Seattle, WA 98119
FAX: (206) 283-5044

RESULTS OF ANALYSES OF THE SLUDGE SAMPLES FOR TCLP METALS IN ACCORDANCE WITH 40 CFR PART 261 Results Reported as mg/L (ppm)

<u>Sample #</u>	<u>M18511A</u>	<u>M18511B</u>	<u>Regulatory Level</u>
<u>Analyte:</u>			
Arsenic	0.20	0.30	5.0
Barium	0.02	0.04	100
Cadmium	0.02	0.04	1.0
Chromium	1.8	0.79	5.0
Lead	0.24 ^a	0.61 ^a	5.0
Mercury	0.05 ^a	0.06 ^a	0.2
Selenium	0.11	0.29	1.0
Silver	0.02	0.07	5.0

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**RESULTS OF ANALYSES OF THE SLUDGE SAMPLES
FOR TCLP METALS IN ACCORDANCE WITH
40 CFR PART 261
Results Reported as mg/L (ppm)
Quality Assurance**

<u>Sample #</u>	<u>Method Blank</u>	<u>Duplicate</u>	<u>Regulatory Level</u>
<u>Analyte:</u>			
Arsenic	<0.01	0.20	5.0
Barium	<0.01	0.02	100
Cadmium	<0.01	0.02	1.0
Chromium	<0.01	1.8	5.0
Lead	0.02	0.24 ^a	5.0
Mercury	0.02	0.04 ^a	0.2
Selenium	<0.01	0.15	1.0
Silver	<0.01	0.02	5.0

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**RESULTS OF ANALYSES OF THE SLUDGE SAMPLES
FOR TCLP METALS IN ACCORDANCE WITH
40 CFR PART 261
Results Reported as % Recovery
TCLP Extract Spiked at the Indicated Level
Quality Assurance**

<u>Sample #</u>	<u>Matrix Spike</u> <u>Spiked @ 5 ppm</u> <u>% Recovery</u>	<u>Matrix Spike Duplicate</u> <u>Spiked @ 5 ppm</u> <u>% Recovery</u>
<u>Analyte:</u>		
Arsenic	90%	103%
Barium	96%	62%
Cadmium	63%	95%
Chromium	71%	120%
Lead	71%	94%
Mercury	68%	78%
Selenium	79%	92%
Silver	33%	32%